



PCT

RAW SEQUENCE LISTING

DATE: 11/03/2004

PATENT APPLICATION: US/10/501,183

TIME: 15:25:51

Input Set : A:\9529-008-999.txt

Output Set: N:\CRF4\11032004\J501183.raw

3 <110> APPLICANT: Karatzas, Costas
 4 Turcotte, Carl
 6 <120> TITLE OF INVENTION: METHODS OF PRODUCING SILK POLYPEPTIDES AND PRODUCTS THEREOF
 8 <130> FILE REFERENCE: 9529-008-999
 10 <140> CURRENT APPLICATION NUMBER: 10/501,183
 C--> 11 <141> CURRENT FILING DATE: 2004-07-09
 13 <150> PRIOR APPLICATION NUMBER: US 60/347,509
 14 <151> PRIOR FILING DATE: 2002-01-11
 16 <160> NUMBER OF SEQ ID NOS: 48
 18 <170> SOFTWARE: PatentIn version 3.2

Does Not Comply
Corrected Diskette Needed

(pg. 2-3)

ERRORED SEQUENCES

1330 <210> SEQ ID NO: 48
 1331 <211> LENGTH: 410
 1332 <212> TYPE: PRT
 1333 <213> ORGANISM: Artificial sequence
 1335 <220> FEATURE:
 1336 <223> OTHER INFORMATION: Translation of ADF-4
 1338 <400> SEQUENCE: 48
 1340 Ala Gly Ser Ser Ala Ala Ala Ala Ala Ala Ser Gly Ser Gly Gly
 1341 1 5 10 15
 1344 Tyr Gly Pro Glu Asn Gln Gly Pro Ser Gly Pro Val Ala Tyr Gly Pro
 1345 20 25 30
 1348 Gly Gly Pro Val Ser Ser Ala Ala Ala Ala Ala Ala Gly Ser Gly
 1349 35 40 45
 1352 Pro Gly Gly Tyr Gly Pro Glu Asn Gln Gly Pro Ser Gly Pro Gly Gly
 1353 50 55 60
 1356 Tyr Gly Pro Gly Gly Ser Gly Ser Ser Ala Ala Ala Ala Ala Ala
 1357 65 70 75 80
 1360 Ala Ser Gly Pro Gly Gly Tyr Gly Pro Gly Ser Gln Gly Pro Ser Gly
 1361 85 90 95
 1364 Pro Gly Gly Ser Gly Gly Tyr Gly Pro Gly Ser Gln Gly Ala Ser Gly
 1365 100 105 110
 1368 Pro Gly Gly Pro Gly Ala Ser Ala Ala Ala Ala Ala Ala Ala Ala
 1369 115 120 125
 1372 Ala Ser Gly Pro Gly Gly Tyr Gly Pro Gly Ser Gln Gly Pro Ser Gly
 1373 130 135 140
 1376 Pro Gly Ala Tyr Gly Pro Gly Gly Pro Gly Ser Ser Ala Ala Ala Ala
 1377 145 150 155 160
 1380 Ala Ala Ala Ala Ser Gly Pro Gly Gly Tyr Gly Pro Gly Ser Gln Gly
 1381 165 170 175

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```

1384 Pro Ser Gly Pro Gly Val Tyr Gly Pro Gly Gly Pro Gly Ser Ser Ala
1385          180          185          190
1388 Ala Ala Ala Ala Ala Ala Gly Ser Gly Pro Gly Gly Tyr Gly Pro Glu
1389          195          200          205
1392 Asn Gln Gly Pro Ser Gly Pro Gly Gly Tyr Gly Pro Gly Gly Ser Gly
1393          210          215          220
1396 Ser Ser Ala Ala Ala Ala Ala Ala Ala Ala Ser Gly Pro Gly Gly Tyr
1397 225          230          235          240
1400 Gly Pro Gly Ser Gln Gly Pro Ser Gly Pro Gly Gly Ser Gly Gly Tyr
1401          245          250          255
1404 Gly Pro Gly Ser Gln Gly Gly Ser Gly Pro Gly Ala Ser Ala Ala Ala
1405          260          265          270
1408 Ala Ala Ala Ala Ala Ser Gly Pro Gly Gly Tyr Gly Pro Gly Ser Gln
1409          275          280          285
1412 Gly Pro Ser Gly Pro Gly Tyr Gln Gly Pro Ser Gly Pro Gly Ala Tyr
1413          290          295          300
1416 Gly Pro Ser Pro Ser Ala Ser Ala Ser Val Ala Ala Ser Val Tyr Leu
1417 305          310          315          320
1420 Arg Leu Gln Pro Arg Leu Glu Val Ser Ser Ala Val Ser Ser Leu Val
1421          325          330          335
1424 Ser Ser Gly Pro Thr Asn Gly Ala Ala Val Ser Gly Ala Leu Asn Ser
1425          340          345          350
1428 Leu Val Ser Gln Ile Ser Ala Ser Asn Pro Gly Leu Ser Gly Cys Asp
1429          355          360          365
1432 Ala Leu Val Gln Ala Leu Leu Glu Leu Val Ser Ala Leu Val Ala Ile
1433          370          375          380
1436 Leu Ser Ser Ala Ser Ile Gly Gln Val Asn Val Ser Ser Val Ser Gln
1437 385          390          395          400
1440 Ser Thr Gln Met Ile Ser Gln Ala Leu Ser
1441          405          410

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E--> 1456 2
E--> 1458 1

deleted

VERIFICATION SUMMARY

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L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:1456 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:48

L:1458 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:48